

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (Currently amended) A ternary system₁ comprising:

- (i) 40 to 65% water;
- (ii) 6 to 22% alcohol or a ketone; and
- (iii) 25 to 60% a fatty acid or an ester thereof[.].

wherein the weight ratio of (i):(iii) is 5:4 and the weight ratio of (ii):(iii) is 1:4,
the ternary system forming spontaneously a single phase stable, non-viscous and clear nanosized structures having cubic-like nanosized symmetry.

2. (Currently amended) [[A]] The ternary system according to claim 1, wherein ~~said~~ the alcohol is a C₁-C₈ alcohol or polyalcohol.

3. (Currently amended) [[A]] The ternary system according to claim 2, wherein ~~said~~ the alcohol is selected from the group consisting of ethanol, propanol, butanol, pentanol, hexanol, heptanol [[or]] and octanol₁, and wherein ~~said~~ the polyalcohol is polyethylene glycol, propylene glycol, glycerol, sorbitol, manitol, fructose, sucrose, polyglycerol, or xylitol.

4. (Currently amended) ~~[[A]]~~ The ternary system according to claim 1, wherein ~~said the~~ fatty acid is a saturated or unsaturated C₂-C₂₂ fatty acid, preferably C₈-C₁₈ and most preferably C₁₂-C₁₆ ~~saturated or unsaturated, said~~ comprising unsaturated fatty acid having at least one double bond.
5. (Currently amended) ~~[[A]]~~ The ternary system according to claim 1, comprising a fatty acid ester.
6. (Currently amended) ~~[[A]]~~ The ternary system according to claim 5, wherein said fatty acid ester is glycerol ester preferably glycerol monooleate.
7. (Currently amended) ~~[[A]]~~ The ternary system according to claim 1, wherein said ketone is a linear or cyclic C₃-C₈ ketone ~~which may comprise~~ optionally comprising a heteroatom ~~such as nitrogen, oxygen or sulfur~~.
8. (Currently amended) ~~[[A]]~~ The ternary system according to claim 1, wherein said formed non-viscous and clear nanosized structures having cubic-like nanosized symmetry is capable of being diluted or dispersed in a water/polymer at room temperature and/or by subjecting the system to vibrations at 200-20000 preferably 9000 rpm to form dispersed cubic-like nanosized particles.

9. (Currently amended) ~~[[A]]~~ The ternary system according to claim 8, wherein ~~said the~~ polymer is a ~~selected from the group consisting of~~ high molecular weight amphiphilic synthetic or naturally occurring polymer.

10. (Currently amended) ~~[[A]]~~ The ternary system according to claim 9, wherein ~~said the~~ naturally occurring polymer is β -casein.

11. (original) A ternary system comprising 45 to 55% water, 30 to 45% glycerol monooleate and 6 to 15% C₁-C₄ alcohol.

12. (Currently amended) A ternary system comprising 45 to 55% water, 30 to 45% glycerol monooleate and 6 to 22% C₃-C₈ linear or cyclic ketone ~~which may comprise optionally comprising a heteroatom such as nitrogen, oxygen or sulfur.~~

13. (Currently amended) A stable ternary system₁ comprising:

(i) 40 to 65% water;

(ii) 6 to 22% alcohol or ketone; and

(iii) 25 to 60% fatty acid or an ester thereof,

wherein the weight ratio of (i):(iii) is 5:4 and the weight ratio of (ii):(iii) is 1:4, the ternary system forming spontaneously a single phase stable, non-viscous and clear nanosized structures having cubic-like nanosized symmetry for use in solubilizing hydrophilic or hydrophobic substances in aqueous phase.

14. (Currently amended) ~~[[A]]~~ The ternary system according to claim 13, wherein ~~said~~ the formed non-viscous and clear nanosized structures having cubic-like nanosized symmetry is capable of being diluted or dispersed in a water/polymer ~~[[in]]~~ at room temperature and/or by subjecting the system to vibrations of 200-20000 ~~preferably 9000 rpm~~ to form dispersed cubic-like nanosized particles.

15. (Currently amended) ~~[[A]]~~ The ternary system according to claim 13, wherein the said alcohol is a C₁-C₈ alcohol or polyalcohol, ~~preferably selected from the group consisting of ethanol, propanol, butanol, pentanol, hexanol, heptanol or octanol;~~ said polyalcohol is ~~polyethylene glycol, propylene glycol, glycerol, sorbitol, manitol, fructose, sucrose, polyglycerol or xylitol;~~ said the fatty acid is a saturated or unsaturated C₂-C₂₂ fatty acid preferably C₈-C₁₈ and most preferably C₁₂-C₁₆ saturated or unsaturated comprising at least one double bond; ~~said~~ the fatty acid ester is glycerol ester preferably glycerol monooleate; said the ketone is a linear or cyclic C₃-C₈ ketone ~~which may comprise~~ optionally comprising a heteroatom ~~such as nitrogen, oxygen or sulfur.~~

16. (Currently amended) ~~[[A]]~~ The stable ternary system of claim 13, wherein ~~said~~ the solubilized substances are selected ~~chosen~~ from the group consisting ~~comprising~~ of enzymes, vitamins, pharmaceuticals, peptides, ~~[[or]]~~ and food supplements.

17. (Currently amended) ~~[[A]]~~ The stable ternary system of claim 13, wherein ~~said~~ the hydrophobic substance is lycopene, lutein, β -carotene, or a phytosterol~~[[s]]~~.

18. (Currently amended) [[A]] The stable ternary system of claim 13, wherein ~~said~~ the hydrophilic substance is ascorbic acid.
19. (New) The ternary system according to claim 4, wherein the fatty acid is a saturated or unsaturated C₈-C₁₈ fatty acid comprising at least one double bond.
20. (New) The ternary system according to claim 4, wherein the fatty acid is a saturated or unsaturated C₁₂-C₁₆ fatty acid comprising at least one double bond.
21. (New) The ternary system according to claim 13, wherein the formed non-viscous and clear nanosized structures having cubic-like nanosized symmetry is capable of being diluted or dispersed in a water/polymer at room temperature and/or by subjecting the system to vibrations of 9000 rpm to form dispersed cubic-like nanosized particles.
22. (New) The ternary system according to claim 15, wherein the alcohol is selected from the group consisting of ethanol, propanol, butanol, pentanol, hexanol, heptanol, and octanol; the polyalcohol is selected from the group consisting of polyethylene glycol, propylene glycol, glycerol, sorbitol, manitol, fructose, sucrose, polyglycerol, and xylitol; the fatty acid is a saturated or unsaturated C₂-C₂₂ fatty acid comprising at least one double bond; the fatty acid ester is a glycerol ester; the ketone is a linear or cyclic C₃-C₈ ketone optionally comprising a heteroatom.

23. (New) The ternary system according to claim 22, wherein the fatty acid is a saturated or unsaturated C₈-C₁₈ fatty acid comprising at least one double bond; the fatty acid ester is glycerol monooleate; and the heteroatom is selected from the group consisting of nitrogen, oxygen and sulfur.
24. (New) The ternary system according to claim 23, wherein the fatty acid is a saturated or unsaturated C₁₂-C₁₆ fatty acid comprising at least one double bond.
25. The ternary system according to claim 12, wherein the heteroatom is selected from the group consisting of nitrogen, oxygen and sulfur.